**ESS Vocabulary**

**Cycles**

Hydrologic Cycle

Nitrogen Cycle

Carbon Cycle

**Ecological Populations**

Population

Community

Limiting Factors

Exponential Growth (J-curve)

Logistical Growth (S-curve)

Density-dependent factors

Density-independent factors

External Limiting Factors

Internal limiting Factors

Carrying Capacity

Population Momentum

Overshoot

**Biomes (know about their soils)**

Tropical Rainforest

Desert

Temperate Deciduous Forest

**Human Populations**

Neo-Natalist Policy

One Child Policy

Rule of 70

Population Density

Total Fertility

Replacement Fertility

Demographic Transition (with stages)

Mortality

Morbidity

Natality

Sex Ratio

Age Histograms (pyramids)

Fecundity

**Soil & Agriculture**

Undernourishment

Overnutrition

Malnutrition

Tragedy of Commons

Traditional Agriculture

Monoculture

Polyculture

Subsistence Farming

Intensive Farming

Extensive Farming

Aquaculture

Inorganic Fertilizers

Organic Fertilizers

Industrial Farming

Green Revolution

Contour Farming

Terracing

Seedbanks

Soil Formation

Soil Profile

Soil Horizons

Topsoil

Permeability

Porosity

Silt

Sand

Clay

Loam

Weathering

Parent Material

Leaching

Soil Degradation

Soil Conservation

Desertification

Salinization

Overgrazing